

What is claimed is :

1. An apparatus for enhancing image resolution by a position perfurbation modulation, comprising:

an optical lens assembly;

5 a wedge lens turntable embedded with a plurality of wedge lenses for projecting images passing through the optical lens assembly;

a step motor for rotating the wedge lens turntable; and

an image detector for capturing the projected image passing through the wedge lens turntable.

10 2. The apparatus of Claim 1, wherein the wedge lenses shift images upward, leftward, downward and rightward.

3. The apparatus of Claim 1, wherein the wedge lenses and a through hole are placed along the circumference of the wedge lens turntable.

15 4. The apparatus of Claim 1, wherein the wedge lens turntable has a hollow region for receiving a shaft whose one end is controlled by the step motor.

5. The apparatus of Claim 1, wherein the image detector is a capacitance-coupling device.

20 6. A method for enhancing image resolution by a position perfurbation modulation, comprising the following steps:

(a) utilizing an image detector to capture projected images passing through wedge lenses which shift images upward, downward, rightward and leftward and a through hole;

25 (b) computing pixel numbers captured by the image detector via

(c) determining a position of a questionable pixel according to the above computation and a predefined table.

1. Personal Information	
Name	Age
John Doe	25
Jane Smith	30
Bob Johnson	22
Alice Brown	28
Charlie Davis	35
Eve White	20
Frank Green	32
Grace Black	27
Henry Gold	38
Ivy Silver	24
Jack Copper	31
Karen Iron	29
Leo Nickel	26
Mia Zinc	33
Noah Lead	21
Olivia Tin	34
Peter Platinum	23
Quinn Diamond	36
Rachel Ruby	25
Sam Sapphire	37
Tina Emerald	22
Umar Opal	39
Victor Garnet	27
Wendy Amethyst	30
Xavier Citrine	24
Yara Peridot	32
Zoe Malachite	28